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PATENT  
CML00059D  
2621

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): BELLAS ET AL.  
SERIAL NO.: 10/006,464  
FILE DATE: 12/07/2001  
GROUP ART UNIT: 2621  
TITLE: PROGRAMMABLE MOTION ESTIMATION MODULE WITH VECTOR ARRAY UNIT

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: Office of Initial Patent Examination, Customer Service Center, ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, ON: 01/23/2002

Date of Deposit

MOTOROLA INC.

Name of Assignee

SIGNATURE

DATE

CORRECTION OF FILING RECEIPT

Office of Initial Patent Examination  
Customer Service Center  
Honorable Assistant Commissioner for Patents  
Washington, D.C. 20231

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MAR 27 2002

Technology Center 2600

Sir:

It is respectfully pointed out that the Filing Receipt for the above-identified patent application is incorrect. The patent application does not include the name of the co-inventor MALCOLM RYLE DWYER, nor does it include his residence, "Palatine, IL". The residence of the first named inventor, NIKOLAOS BELLAS has been omitted and should be added to read "Chicago, IL".

Please correct the filing receipt to include the corrections as noted above and issue a corrected filing receipt.

A copy of the Combined Declaration and Power of Attorney in the above-identified application is attached along with a copy of the Filing Receipt with the change noted thereon.

Also attached, please find a copy of the original Assignment and Agreement, Recordation Cover Sheet and postcard indicating receipt by the US Patent Office.

No fee is due since the error was not that of Applicant.

Respectfully submitted,

DANIEL K. NICHOLS  
ATTORNEY for Applicant(s)  
Reg. No. 29,420  
Tel. 847-576-5219  
Fax 847-576-3750

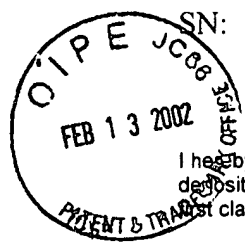
MOTOROLA, INC.  
Customer Number 22917

SECTUR

2600

CML00059D - BELLAS ET AL.

SN: 10/006,464



PATENT

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

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Assistant Commissioner of Patents and Trademarks  
Washington, D.C. 20231

on 1/23/02  
(Date of Deposit)  
Motorola, Inc

Name of applicant, assignee, or Registered Rep.

David Kan 1/23/02  
Signature Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: BELLAS ET AL.

EXAMINER: TBA

SERIAL NO.: 10/006,464

GROUP: 2621

FILED: 12/07/2001

CASE NO.: CML00059D

ENTITLED: PROGRAMMABLE MOTION ESTIMATION MODULE WITH  
VECTOR ARRAY UNIT

Motorola, Inc.  
Corporate Offices  
1303 E. Algonquin Road  
Schaumburg, IL 60196  
January 23, 2002

RESPONSE TO NOTICE TO FILE MISSING PARTS

Assistant Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

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Sir:

This is in response to a Notice to File Missing Parts of Non-Provisional  
Application Document mailed January 11, 2002 (copy enclosed).

The Notice alleges that no Declaration document accompanied the Application.

CML00059D – BELLAS ET AL..  
SN: 10/006,464

Applicants have examined the file and find that an original Declaration was mailed to the Patent Office along with the Specification, Drawings, and Assignment and Recordation on December 7, 2001. The Declaration was signed by all inventors. Applicants certified that the enclosed copy is a true copy of the Declaration that was mailed. Also enclosed is a copy of the return receipt postcard that accompanied the documents when mailed, copy of the Application Transmittal Letter and copy of the Express Mail label. The postcard bears a stamp showing that the documents were received at the Patent Office on December 7, 2001, and included the executed Declaration consisting of three pages.

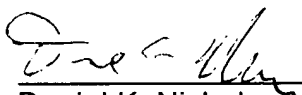
Applicant requests that a thorough search be made of Patent Office files to locate the original executed Declaration mailed in this application. If not found, Applicant requests that the enclosed true copy be recorded in lieu of the missing original.

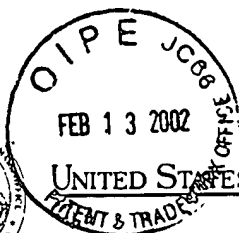
If it would be helpful in resolving this matter, the Examiner is urged to contact the undersigned at the phone number given.

Respectfully submitted,  
NIKOLAOS BELLAS

Please forward all  
correspondence to:

**CUSTOMER NO.: 22917**  
Motorola, Inc.  
Corporate Offices  
1303 East Algonquin Road  
Schaumburg, IL 60196

By:   
Daniel K. Nichols  
Attorney/Agent of Record  
Registration No. 29,420  
Phone: (847) 576-5219  
Fax: (847) 576-3750



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/006,464	12/07/2001	Nikolaos Bellas	CML00059D

22917  
MOTOROLA, INC.  
1303 EAST ALGONQUIN ROAD  
IL01/3RD  
SCHAUMBURG, IL 60196

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CONFIRMATION NO. 5906

FORMALITIES LETTER



\*OC000000007298294\*

Date Mailed: 01/11/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- o The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- o To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- o The balance due by applicant is \$ 130.

*A copy of this notice MUST be returned with the reply.*

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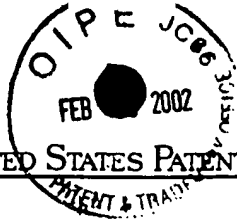
MAR 19 2002

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Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/006,464	12/07/2001	2621	938	CML00059D	8	31	2

CONFIRMATION NO. 5906

22917  
MOTOROLA, INC.  
1303 EAST ALGONQUIN ROAD  
IL01/3RD  
SCHAUMBURG, IL 60196

FILING RECEIPT



\*OC000000007298293\*

Date Mailed: 01/11/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Nikolaos Bellas, Residence Not Provided;

**MALCOLM DWYER**

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted 01/11/2002

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title

Programmable motion estimation module with vector array unit

Preliminary Class

382

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LICENSE FOR FOREIGN FILING UNDER

PATENT APPLICATION TRANSFERS & TRADEMARK OFFICE FEB 13 2002 JCEB	Attorney Docket No.:	CML00059D
	First Inventor:	BELLAS ET AL.
	Title:	PROGRAMMABLE MOTION ESTIMATION MODULE WITH VECTOR ARRAY UNIT
	Express Mail Label No.:	ET861521316US

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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APPLICATION ELEMENTS (see MPEP chapter 600 concerning utility patent application contents)	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231
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1. <input checked="" type="checkbox"/> Fee Transmittal Form in duplicate (Submit an original and a duplicate for fee processing) 2. <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27 3. <input checked="" type="checkbox"/> Specification Total Pages <input type="text" value="51"/> (preferred arrangement set forth below) -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R&D -Reference to sequence listing, a table, -Background of the Invention -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) Total Sheets <input type="text" value="8"/> 5. Oath or Declaration a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/ divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Application Data Sheet under 37 CFR 1.76	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CFR) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-4 (2 copies); ii. <input type="checkbox"/> or paper c. <input type="checkbox"/> Statements verifying identify of above copies ACCOMPANYING APPLICATION PARTS 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) <input checked="" type="checkbox"/> Power of Attorney Statement (when there is an assignee) 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> IDS <input type="text" value="21"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) 15. <input type="checkbox"/> Certified Copy of Priority Document 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other:
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18. IF A CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in- Part (CIP) Prior Appl. No.

Prior Appl. information: Examiner:  Group/Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS			
<input checked="" type="checkbox"/> Customer Number or Bar Code Label	<input type="text" value="22917"/>	or	<input type="checkbox"/> Correspondence address below
Name	DANIEL K. NICHOLS		
Address	Motorola, Inc. - Law Department		
City	Schaumburg	State	IL
Country	U.S.A.	Telephone	847-576-5219
Name	DANIEL K. NICHOLS	Registration No.	29.420
SIGNATURE	Date		12/07/2001



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\*The date stamp hereon is an acknowledgment that on the date stamped,  
the U.S. Patent and Trademark Office received the following.\*

Docket No.:	CM100059D	Mail Date:	12/07/2001
Applicant:	BELLAS ET AL.		
Entitled:	PROGRAMMABLE MOTION ESTIMATION MODULE WITH VECTOR ARRAY UNIT		
DWJ/kgk	Paid by Deposit Account # 13-4772 \$960.00		
Express Mail No. ET861521316US			

All items marked with an "X" are included in Mail Package.

Pages		Description	Jc618 U.S. PTO 10/006464 12/07/01
1	X	Return Receipt Postcard	
1	X	Utility Patent Application Transmittal Letter	
1	X	Fee Transmittal - 2 copies	
51	X	Specification, Claims and Abstract	
3	X	Executed Declaration	
3	X	Executed Assignment and Agreement with Recordation Sheet	
3	X	Information Disclosure Statement	
2	X	Form PTO/SB/08 w/ prior art references (21 # of references)	
		Certified Copy of Priority Document	
8	X	Drawing(s)	